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ABSTRACT

This document aligns Oregon state educational benchmarks and standards with Oregon Zoo resources. Benchmark areas examined include English, mathematics, science, social studies, and career and life roles. Brief descriptions of the programs offered by the zoo are presented. (SOE)

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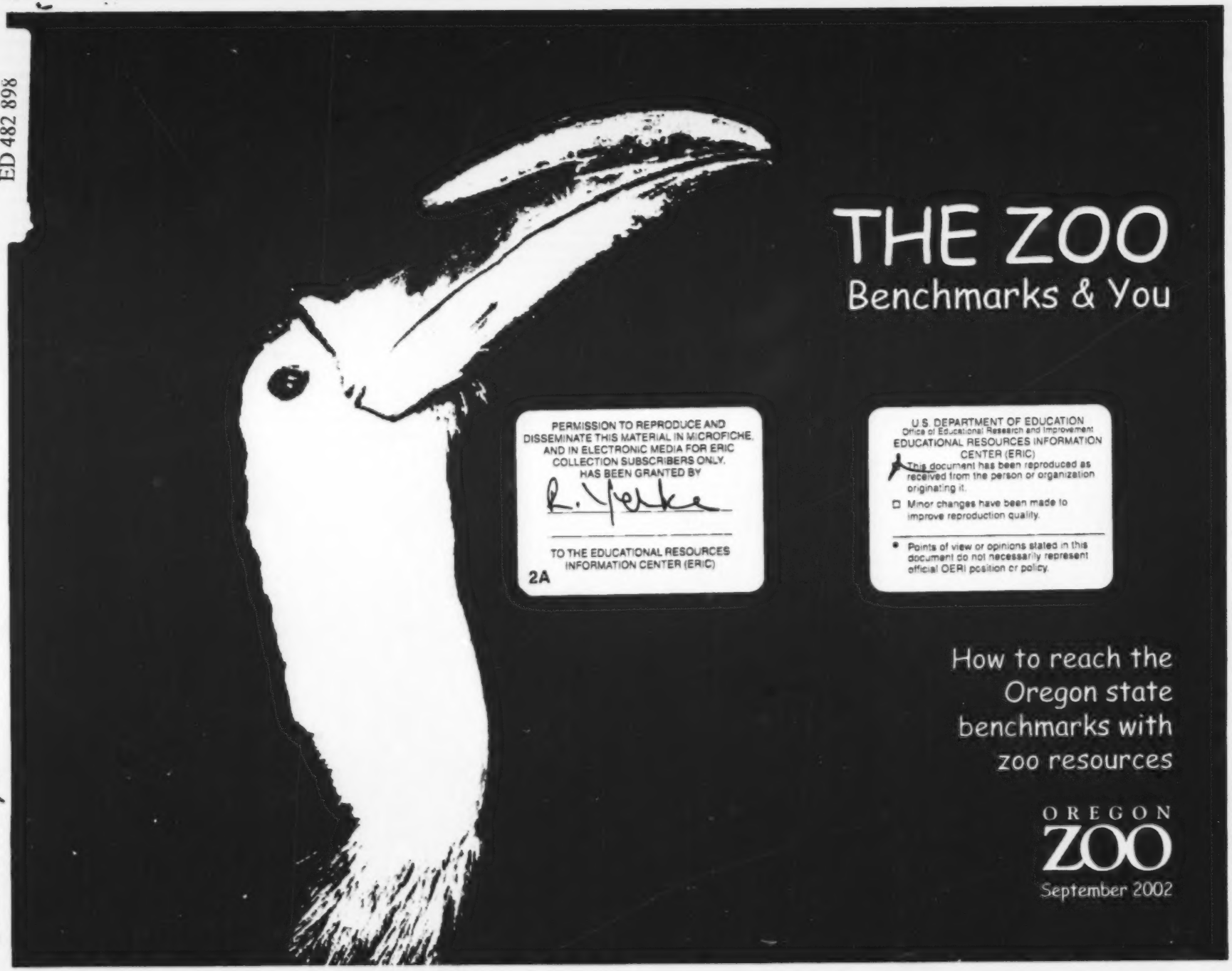

THE ZOO
Benchmarks & You

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How to reach the Oregon state benchmarks with zoo resources

OREGON ZOO

September 2002

Produced by the
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Oregon Zoo
4001 SW Canyon Road
Portland, OR 97221

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Oregon State Benchmarks

English	E-1
Mathematics	M-1
Science	S-1
Social Studies	SS-1
Career & Life Roles	C-1

OVERVIEW of PROGRAMS

The Oregon Zoo offers many educational programs specifically designed for students and teachers. Many of these correlate directly or are easily adapted to the Oregon Benchmarks. A brief description of each program is listed below.
Specific correlations with the Oregon Benchmarks are detailed in the following pages.
For the latest information on our education programs visit ***www.oregonzoo.org***

CURRICULA

These multi-disciplinary curriculum packets provide content resources and activities for an educational field trip to the Zoo. Materials include field trip preparatory activities, activities to be completed at the Zoo during the field trip, and activities to complete back in the classroom using the information gathered on the Zoo visit. All may be downloaded from the Zoo web site.

K-2 AT THE ZOO (lower elementary)
Developed by teachers for teachers. This curriculum helps students build basic skills, such as sorting, observation and asking questions. Students will also learn about life cycles, habitats and the zoo community.

STELLER COVE (lower elementary)
A multi-disciplinary curriculum with activities in science, social studies, geography, and math focusing on the Zoo's Steller Cove exhibit and the marine environment of the Pacific Northwest coast. This packet is best suited for elementary school students, but may be adapted for middle school classes.

AMAZON FLOODED FOREST (upper elementary)
Discover how annual floods affects the animals and people of the Amazon basin. Discover how the annual rising water affect the habitat of animals, how they move, where they eat - even learn about the fruit eating fish. People's lives also change with the seasons - imagine going to school in a dugout canoe.

THREATENED & ENDANGERED SPECIES (upper elementary/middle school)
Using Asian elephants as examples, this curriculum focuses on issues leading to the rising numbers of endangered species worldwide. Using skills from across the curriculum, students will learn about the interconnectedness of ecosystems, changing habitats, and how human activities are affecting wildlife. This packet is designed for upper elementary and middle school, but is easily adapted to high school.

ZOOSCOPE (all grades)
ZooScope is a curriculum that involves students in inquiry based learning. Students are encouraged to develop their inquiry skills through the observation of animals. Students can gather behavioral data, mathematically manipulate numbers, analyze their findings and draw conclusions about Zoo animals or those in your classroom or school yard. Suggestions for incorporating ZooScope activities across the curriculum include activities for writing, speaking, math and science.

PROGRAMS AT THE ZOO

FIELD TRIPS (all grades)
Over 1,300 animals arranged in habitat exhibits tell a wide variety of animal ecology and conservation stories. Exhibit signs and displays are useful teaching tools and curriculum packets are available to enhance the educational quality of a field trip to the Zoo. The Zoo is the perfect location to teach science, math, art, social studies and more.

Discounts are available to schools who make reservations at least two weeks before they plan to visit. Teachers making reservations receive an advance pass to the Zoo so they may prepare lessons.

OVERNIGHTS (all grades)
ZooSnooze is a fun, educational overnight experience for your class. Spend the night and get treated to live animal presentations, behind the scenes tours and a nighttime guided safari of the Zoo. Students explore a series of discovery stations and knowledgeable staff and volunteers lead nocturnal tours. Dinner and breakfast are included in the $40 per person fee.

ZOOTEENS (high school)
This is a summer volunteer opportunity for students who may be interested in careers at the Zoo or just enjoy animals and people. During summer break, ZooTeens explore the many skills required to operate the Zoo, including caring for animals, keeping the grounds, educating the public and tending to visitors needs.

CAREER DAY (high school)
Twice a year the Zoo offers a day of career exploration for high school juniors and seniors. Students talk with staff members from a variety of departments and discover the some of the many jobs necessary to operate the Zoo. Students interested in Career Day should contact the School to Work Coordinator in their building

INTERNSHIPS (high school)
An individual student may intern at the Zoo for one semester or an entire year. Students work alongside Zoo staff on the daily activities and projects that it takes to keep the Zoo running. Internships are available in Education, Public Relations/Marketing, Guest Services and Animal Management areas. All internships work to meet the Career & Life Roles Benchmarks. Other benchmarks vary with specific placement.

SCHOOL TO WORK (high school)
Groups of students or entire classes work as a group on Zoo projects. Teachers and staff work together to plan the project, implement the plan and evaluate the results. All School to Work opportunities work to meet the Career & Life Roles Benchmarks. Other benchmarks vary with specific project.

PROGRAMS AT YOUR SCHOOL

BIRDS OF PREY ASSEMBLY (all grades)
The Birds of Prey assembly is a unique learning opportunity that provides an up close look at several magnificent birds of prey. Besides learning about their behavioral and biological traits, students will discover how human activity and environmental factors are linked to habitat destruction or preservation. The show will reinforce the positive actions we can take to help protect birds of prey and other wildlife species.

BIRD OF PREY CLASSROOM PRESENTATIONS (all grades)
Students get a more intimate encounter with the birds from our assembly program. Choose from one of our topics: What make a bird a bird (lower elementary), Birds and Where they Live (elementary/middle) or Endangered Species (middle/high) or help us reinforce one of your lessons.

LIVE ANIMAL PRESENTATIONS (elementary)
These program are very flexible. Insects or touchable animals from our collection visit students in your classroom. These presentations are easily adapted to support a variety of lessons and corresponding benchmarks. (When you book your program, let us know what you are studying.)

RESOURCES FOR TEACHERS

INSECT ZOO KITS (lower elementary)
Each Insect kit contains several mounted specimens, magnifying glasses, pictures and activity ideas for elementary students. Several topics are available including *Arachnids* (spiders), *Insects*, *Butterflies*, *Colors and Shapes*, *Beetles* and *Social Insects*.

SUITCASE FOR SURVIVAL (middle school)
This newly revised curriculum focuses on how humans and animals share the environment, and how human choices affect animals. This suitcase is filled with confiscated wildlife trade goods, which provide hands-on study of international wildlife trade issues and how human choices affect the environment. A curriculum packet and scripted slide show are included. The kit is free to use following a required training workshop.

For more information or to schedule an activity call 503-220-2781

English

ENGLISH

	Common Curriculum Goal	Content Standard	Benchmark 1 Grade 3	Benchmark 2 Grade 5	Benchmark 3 Grade 8	CIM/CAM Grade 10
Reading	Recognize, pronounce, and know the meaning of words in text.	Recognize, pronounce and know the meaning of words in text by using phonics, language structure, contextual clues and visual clues.	Read accurately by using phonics, language structure, word meaning and visual clues. Read orally with natural phrasing, expressive interpretation, flow and pace. Determine meanings of words using contextual clues and illustrations. **●Amazon Curriculum**	Determine meanings of words using contextual and structural clues, illustrations and other reading strategies. **●Threatened & Endangered Species Curriculum** **●Amazon Curriculum**	Determine meanings of words using contextual and structural clues, illustrations and other reading strategies. **●Threatened & Endangered Species Curriculum**	Determine meanings of words using contextual and structural clues, illustrations and other reading strategies.
	Use a variety of reading strategies to increase comprehension and learning.	Locate information and clarify meaning by skimming, scanning, close reading, and other strategies.	Locate information using illustrations, tables of contents, glossaries, indexes, headings, graphs, charts, diagrams, and/or tables. **●Amazon Curriculum**	Locate information and clarify meaning by using illustrations, tables of contents, glossaries, indexes, headings, graphs, charts, diagrams, and/or tables. **●Threatened & Endangered Species Curriculum** **●Amazon Curriculum**	Locate information and clarify meaning by using tables of contents, glossaries, indexes, headings, graphs, charts, diagrams, and/or tables. **●Threatened & Endangered Species Curriculum**	Locate information and clarify meaning by using tables of contents, glossaries, indexes, headings, graphs, charts, diagrams, tables and other reference sources

ENGLISH

	Common Curriculum Goal	Content Standard	Benchmark 1 Grade 3	Benchmark 2 Grade 5	Benchmark 3 Grade 8	CIM/CAM Grade 10
Reading	Demonstrate literal comprehension of a variety of printed materials. Increase work knowledge through systematic vocabulary development.	Demonstrate literal comprehension of a variety of printed materials.	Retell, summarize or identify a sequence of events, main ideas, facts and opinions in literary and informative selections. **●Steller Cove Curriculum** **●Amazon Curriculum**	Identify a sequence of events, main ideas, facts, supporting details and opinions in literary, informative and practical selections. **●Threatened & Endangered Species Curriculum**	Identify a sequence of events, main ideas, facts, supporting details and opinions in literary, informative and practical selections. **●Threatened & Endangered Species Curriculum**	Identify sequence of events, main ideas, facts, supporting details, and opinions in literary, informative, and practical selections. **●ZooTeens**
	Demonstrate inferential comprehension of a variety of printed materials.	Demonstrate inferential comprehension of a variety of printed materials.	Identify cause and effect relationships and make simple predictions. **●Steller Cove Curriculum** **●Amazon Curriculum**	Identify relationships, images, patterns, or symbols and draw conclusions about their meanings in printed material. **●Steller Cove Curriculum** **●Threatened & Endangered Species Curriculum** **●Amazon Curriculum** **●Field Trip**	Examine relationships, images, patterns, or symbols to draw conclusions about their meanings in printed material. **●Threatened & Endangered Species Curriculum** **●Field Trip**	Analyze relationships, images, patterns, or symbols to draw conclusions about their meanings in printed material. **●ZooTeens** **●Field Trip**

ENGLISH

	Common Curriculum Goal	Content Standard	Benchmark 1 Grade 3	Benchmark 2 Grade 5	Benchmark 3 Grade 8	CIM/CAM Grade 10
Reading	Demonstrate evaluative comprehension of a variety of printed materials.	Demonstrate evaluative comprehension of a variety of printed materials.	Analyze and evaluate information and form conclusions. ●**Steller Cove Curriculum** ●**Amazon Curriculum** ●**Field Trip**	Analyze and evaluate information and form conclusions. ●**Steller Cove Curriculum** ●**Threatened & Endangered Species Curriculum** ●**Amazon Curriculum** ●**Field Trip**	Analyze and evaluate whether a conclusion is validated by the evidence in a selection. ●**Threatened & Endangered Species Curriculum**	Analyze and evaluate whether an argument, action, or policy is validated by the evidence in a selection.
	Connect reading selections to other texts, experiences, issues and events Read for enjoyment and information.	Draw connections and explain relationships between reading selections and other texts, experiences, issues and events.		Extend and deepen comprehension by relating text to other texts, experiences issues and events. ●**Threatened & Endangered Species Curriculum** ●**Amazon Curriculum**	Extend and deepen comprehension by relating text to other texts, experiences issues and events. ●**Threatened & Endangered Species Curriculum**	Extend and deepen comprehension by relating text to other texts, experiences issues and events.

ENGLISH

	Common Curriculum Goal	Content Standard	Benchmark 1 Grade 3	Benchmark 2 Grade 5	Benchmark 3 Grade 8	CIM/CAM Grade 10
Writing	Communicate knowledge of the topic, including relevant examples, facts, anecdotes, and details appropriate to topic, audience and purpose.	Communicate knowledge of the topic, including relevant examples, facts, anecdotes and details.	Convey main ideas with some detail. ●**Steller Cove Curriculum** ●**Amazon Curriculum**	Convey clear main ideas and supporting details in ways appropriate to topic, audience and purpose. ●**Steller Cove Curriculum** ●**Threatened & Endangered Species Curriculum** ●**Amazon Curriculum**	Convey clear, focused main ideas supported by details and examples in ways appropriate to topic, audience and purpose. ●**Threatened & Endangered Species Curriculum**	Convey clear, focused main ideas supported by accurate and relevant details in ways appropriate to topic, audience and purpose. ●**ZooTeens**
	Structure information in clear sequence, making connections and transitions among ideas, sentences, and paragraphs. Express ideas in an engaging and credible way appropriate to audience and purpose.	Structure information in clear sequence, making connections and transitions among ideas, paragraphs, and sentences.	Structure writing by developing a beginning, middle, and end supported by some transitions. ●**Steller Cove Curriculum** ●**Amazon Curriculum** ●**ZooScope**	Structure writing by developing a beginning, middle, and end with clear sequencing of ideas and transitions. ●**Steller Cove Curriculum** ●**Threatened & Endangered Species Curriculum** ●**Amazon Curriculum** ●**ZooScope**	Structure writing in a sequence by developing a beginning, middle, and end and by making transitions among ideas and paragraphs. ●**Steller Cove Curriculum** ●**Threatened & Endangered Species Curriculum** ●**ZooScope**	Structure writing in a clear sequence by developing a beginning, middle, and end and by making transitions among ideas, paragraphs, and sentences. ●**ZooScope**

ENGLISH

	Common Curriculum Goal	Content Standard	Benchmark 1 Grade 3	Benchmark 2 Grade 5	Benchmark 3 Grade 8	CIM/CAM Grade 10
Writing	Demonstrate knowledge of spelling, grammar, punctuation, capitalization, paragraphing and citing sources.	Use correct spelling, grammar, punctuation, capitalization, paragraph structure, sentence construction and other writing conventions.	Demonstrate some control of correct spelling, grammar, punctuation and capitalization. **●Amazon Curriculum** **●ZooScope**	Use correct spelling, grammar, punctuation, capitalization, and paragraphing. **●Amazon Curriculum** **●ZooScope**	Use correct spelling, grammar, punctuation, capitalization, paragraphing and citations. **●ZooScope**	Use correct spelling, grammar, punctuation, capitalization, paragraphing and citations.
	Use a variety of modes (e.g. narrative, imaginative, expository, persuasive) in appropriate context. Use a variety of written forms (e.g. journals, essays, short stories, poems, research papers, business and technical writing) to express ideas appropriate to audience and purpose.	Use a variety of modes and written forms to express ideas.	Write in a variety of modes (e.g. narrative, imaginative, expository) **●Amazon Curriculum** **●ZooScope** **●K-2 Curriculum**	Write in a variety of modes (e.g. narrative, imaginative, expository, persuasive) and forms (e.g. essays, stories, reports) appropriate to audience and purpose. **●Amazon Curriculum** **●ZooScope**	Write in a variety of modes (e.g. narrative, imaginative, expository, persuasive) and forms (e.g. essays, stories, letters, research papers, reports) appropriate to audience and purpose. **●ZooScope**	Write in a variety of modes (e.g. narrative, imaginative, expository, persuasive) and forms (e.g. essays, stories, letters or business communications, research papers, technical reports) appropriate to audience and purpose. **●ZooScope**

ENGLISH

	Common Curriculum Goal	Content Standard	Benchmark 1 Grade 3	Benchmark 2 Grade 5	Benchmark 3 Grade 8	CIM/CAM Grade 10
Communications	Communicate supported ideas using oral, visual, written, and multi-media forms in ways appropriate to topic, context, audience, and purpose.	Communicate knowledge of the topic, including relevant examples, facts, anecdotes, and details.	Convey main ideas with some supporting details appropriate to audience and purpose. ●Steller Cove Curriculum ●Amazon Curriculum ●ZooScope ●K-2 Curriculum	Convey clear, focused main ideas with supporting details appropriate to audience and purpose. ●Steller Cove Curriculum ●Threatened & Endangered Species Curriculum ●Amazon Curriculum ●ZooScope	Convey clear, focused main ideas with accurate, relevant supporting details, including documentation of sources, appropriate to audience and purpose. ●Threatened & Endangered Species Curriculum ●ZooScope	Convey clear, focused main ideas with accurate, relevant supporting details, including documentation of sources, appropriate to audience and purpose. ●ZooTeens ●ZooScope
	Structure oral, visual, written, and multi-media presentations in clear sequence, making connections and transitions among ideas and elements.	Structure information in clear sequence, making connections and transitions among ideas, sentences, and paragraphs.	Demonstrate organization by developing a beginning, middle, and end with some transitions. ●Steller Cove Curriculum ●Amazon Curriculum ●ZooScope	Demonstrate organization by developing a beginning, middle, and end with clear sequencing of ideas and transitions. ●Steller Cove Curriculum ●Threatened & Endangered Species Curriculum ●Amazon Curriculum ●ZooScope	Demonstrate organization by developing a beginning, middle, and end and by providing clear sequencing of ideas and transitions. ●Threatened & Endangered Species Curriculum ●ZooScope	Demonstrate organization by developing a beginning, middle, and end and by providing clear sequencing of ideas and transitions. ●ZooTeens ●ZooScope

ENGLISH

Communications

Common Curriculum Goal	Content Standard	Benchmark 1 Grade 3	Benchmark 2 Grade 5	Benchmark 3 Grade 8	CIM/CAM Grade 10
Use the language, techniques, and conventions of a chosen communication form in ways appropriate to topic, context, audience, and purpose.	Select words that are correct, functional, and appropriate to audience and purpose.		Use descriptive and accurate words appropriate to audience and purpose. ●**Steller Cove Curriculum** ●**Threatened & Endangered Species Curriculum** ●**Amazon Curriculum** ●**ZooScope**	Use descriptive and accurate words approriate to audience and purpose. ●**Threatened & Endangered Species Curriculum** ●**ZooScope**	Use a variety of descriptive and accurate words appropriate to audience and purpose. ●**ZooTeens** ●**ZooScope**
Demonstrate control of eye contact, speaking rate, volume, enunciation, inflection, gestures, and other nonverbal techniques.	Use eye contact, speaking rate, volume, enunciation, oral fluency, vocal energy, and gestures to communicate ideas effectively when speaking.	Demonstrate some control of eye contact and speak at an appropriate rate and volume. ●**Amazon Curriculum** ●**ZooScope**	Demonstrate control of eye contact, speaking rate, volume, enunciation, and gestures appropriate to audience and purpose. ●**Threatened & Endangered Species Curriculum** ●**Amazon Curriculum** ●**ZooScope**	Demonstrate control of eye contact, speaking rate, volume, enunciation, and gestures appropriate to audience and purpose. ●**Threatened & Endangered Species Curriculum** ●**ZooScope**	Demonstrate fluent delivery with varied inflections, effective eye contact, speaking rate, volume, enunciation, and gestures appropriate to audience and purpose. ●**ZooTeens** ●**ZooScope**

Mathematics

MATHEMATICS

Calculations & Estimations

Common Curriculum Goal	Content Standard	Benchmark 1 Grade 3	Benchmark 2 Grade 5	Benchmark 3 Grade 8	CIM/CAM Grade 10
Read, write and order real numbers. Demonstrate conceptual meanings for addition, subtraction, multiplication and division. Select and use appropriate methods and tools for computing with numbers (e.g. mental calculation, paper and pencil, calculator, computer)	Compute with whole numbers, fractions, decimals, and integers using paper and pencil, calculators, and computers.	Perform whole number calculations using paper and calculators. **●Steller Cove Curriculum** **●ZooScope**	Perform calculations on whole numbers, fractions, and decimals, using paper and pencil and calculators. **●Steller Cove Curriculum** **●Threatened & Endangered Species** **●ZooScope**	Perform calculations on whole numbers, fractions, decimals, and integers using paper and pencil, calculators, and/or computers. **●ZooScope** **●Threatened & Endangered Species Curriculum**	Perform numeric and algebraic calculations on real numbers, using paper and pencil, calculators, and/or computer programs. **●ZooScope**

MATHEMATICS

	Common Curriculum Goal	Content Standard	Benchmark 1 Grade 3	Benchmark 2 Grade 5	Benchmark 3 Grade 8	CIM/CAM Grade 10
Calculations & Estimations	Use estimation to solve problems and check the accuracy of solutions	Use estimation to solve problems and check the accuracy of solutions	Estimate solutions to problems and determine if the solutions are accurate and reasonable ●**Steller Cove Curriculum** ●**ZooScope** ●**Amazon Curriculum**	Estimate solutions to problems and determine if the solutions are accurate and reasonable ●**Steller Cove** ●**ZooScope** ●**Threatened & Endangered Species Curriculum** ●**Amazon Curriculum**	Estimate solutions to problems and determine if the solutions are accurate and reasonable ●**ZooScope** ●**Threatened & Endangered Species Curriculum**	Estimate solutions to problems and determine if the solutions are accurate and reasonable ●**ZooScope**
Measurement	Determine and use appropriate standard and nonstandard units and tools of measurement to measure the degree of precision and accuracy desired in particular situations.	Determine appropriate units, tools, and techniques to measure to the degree of precision and accuracy desired in particular situations.	Select the appropriate units and tools to measure length, perimeter, weight, area, volume, time, temperature, money, and angle. ●**Steller Cove Curriculum** ●**ZooScope**	Select the appropriate units and tools to measure length, perimeter, weight, area, volume, time, temperature, money, and angle. ●**Steller Cove Curriculum** ●**Threatened & Endangered Species Curriculum** ●**ZooScope**	Determine appropriate units and tools to measure to the degree of accuracy required in particular situations. ●**Threatened & Endangered Species Curriculum** ●**ZooScope**	Determine appropriate units, tools, and techniques to measure to the degree of accuracy required in particular situations. ●**ZooScope**

MATHEMATICS

	Common Curriculum Goal	Content Standard	Benchmark 1 Grade 3	Benchmark 2 Grade 5	Benchmark 3 Grade 8	CIM/CAM Grade 10
Measurement	Describe, estimate, and use measures of length, perimeter, weight, time, temperature, money, and capacity. Read and interpret various scales (e.g., number lines, graphs, maps).	Apply direct methods of measurement in metric, U.S. customary, and other systems.	Measure length, perimeter, weight, area, time, and temperature using standard and nonstandard units of measurement. **●Steller Cove Curriculum** **●ZooScope** **●Amazon Curriculum**	Measure length, perimeter, weight, area, volume, time, temperature, and angle using standard and nonstandard units of measurement. **●Steller Cove Curriculum** **●Threatened & Endangered Species Curriculum** **●ZooScope** **●Amazon Curriculum**	Measure length, perimeter, weight, area, volume, temperature, angle, and distance using standard and nonstandard units of measurement. **●ZooScope** **●Threatened & Endangered Species Curriculum**	Measure perimeter, weight, area, temperature, volume, angle, and distance of regular and irregular shapes using standard and nonstandard units of measurement. **●ZooScope**
	Measure quantities indirectly using algebra, geometry or trigonometry. Develop and use formulas and procedures to solve problems involving measurements	Apply direct methods of measurement (e.g. formulas, estimates).	Estimate measurements of length and weight. **●Steller Cove Curriculum** **●ZooScope**	Make and use estimates of length, weight, capacity, angle, money and time. **●Steller Cove Curriculum** **●ZooScope**	Use tools scale drawings, models and formulas to estimate and calculate length, weight, angle, volume, distance, area, perimeter and speed. **●ZooScope**	Use formulas and other indirect measures (e.g. right triangle trigonometry, scale drawings) to calculate length, weight, angle measure, volume, distance, area, perimeter and temperature. **●ZooScope**

MATHEMATICS

Statistics & Probability

Common Curriculum Goal	Content Standard	Benchmark 1 Grade 3	Benchmark 2 Grade 5	Benchmark 3 Grade 8	CIM/CAM Grade 10
Generate, compare, and analyze data to draw inferences and make predictions, using experimental and theoretical probability. Solve problems using various strategies for making combinations and/or permutations.	Determine the probability that an event will occur.	Use concepts of probability such as likely, unlikely and certain. ●ZooScope	Make predictions using experimental probability. Express probabilities using fractions, ratios, and decimals. ●ZooScope	Design and carry out simulations to compare experimental and theoretical probability and to make predictions. Solve problems using combinations and/or permutations. ●ZooScope	Use experimental or theoretical probability to solve problems and determine the probability of an event. Solve problems involving dependent and independent events. ●ZooScope

MATHEMATICS

Statistics & Probability

Common Curriculum Goal	Content Standard	Benchmark 1 Grade 3	Benchmark 2 Grade 5	Benchmark 3 Grade 8	CIM/CAM Grade 10
Display and use measures of central tendency and variability (e.g. mean median, mode, range quartiles). Analyze and evaluate statistical claims and arguments for erroneous conclusion and/or distortions. Formulate hypotheses, design and conduct experiments using appropriate technology, draw conclusions based on data and communicate results.	Carry out and describe experiments using measures of central tendency and variability.	Carry out simple experiments and simulations and compare the predicted and actual outcomes. **●ZooScope**	Formulate and carry out simple experiments and simulations. Collect and analyze data using measures of central tendency. **●ZooScope**	Plan and conduct experiments and simulations using data to make predictions or support arguments. Collect and analyze data using measures of central tendency and variability. **●ZooScope**	Design statistical experiments to study problems using simulation and modeling. Conduct experiments, interpret data and develop and communicate conclusions using descriptive statistics. **●ZooScope**

MATHEMATICS

	Common Curriculum Goal	Content Standard	Benchmark 1 Grade 3	Benchmark 2 Grade 5	Benchmark 3 Grade 8	CIM/CAM Grade 10
Statistics & Probability	Read, construct, and interpret displays of data (e.g., charts, tables, graphs) using appropriate techniques and technologies. Analyze data to determine strength of relationships between sets, draw conclusions, and make predictions.	Create charts, tables, and graphs and use statistics to summarize data, draw inferences, and make predictions.	Collect, organize, display, and describe simple data using charts, tables, number lines, bar graphs, and line graphs. **●ZooScope** **●Steller Cove Curriculum** **●Amazon Curriculum**	Collect, organize, display, and analyze data using number lines, bar graphs, line graphs, circle graphs, stem and leaf plots, and histograms. **●ZooScope** **●Steller Cove Curriculum** **●Threatened & Endangered Species Curriculum** **●Amazon Curriculum**	Create, interpret, and analyze charts, tables, and graphs to display data, draw conclusions, and solve problems. **●ZooScope** **●Threatened & Endangered Species Curriculum**	Create, interpret, and analyze charts, tables, and graphs to display data, draw inferences, make predictions, and solve problems. **●ZooScope**
Algebraic Relationships	Recognize and use mathematical expressions and algebraic operations to solve problems. Use a variety of methods and tools to solve equations.	Use mathematical expressions and algebraic operations to solve equations.		Use variables and open sentences to express algebraic relationships. **●ZooScope**	Investigate and solve linear and nonlinear equations and inequalities, using concrete, formal, and informal methods. **●ZooScope**	Solve equations and inequalities numerically, graphically, and/or algebraically. Simplify expressions and solve equations involving advanced functions. **●ZooScope**

MATHEMATICS

Algebraic Relationships

Common Curriculum Goal	Content Standard	Benchmark 1 Grade 3	Benchmark 2 Grade 5	Benchmark 3 Grade 8	CIM/CAM Grade 10
Describe patterns and other relationships using tables, graphs, and open sentences (e.g., variables, expressions, equations, and inequalities). Observe, analyze, and explain relationships (e.g., how a change in one quantity can produce a change in another). Recognize, create, extend, and reproduce patterns and use patterns and functions to describe (model) problems.	Represent patterns and mathematical relationships using symbols, graphs, numbers, and words.	Represent and describe relationships between two quantities using words, symbols, pictures, and/or manipulatives. Recognize, create, describe, and extend numeric and geometric patterns. **●ZooScope** **●K-2 Curriculum**	Represent and describe relationships among quantities using words, tables, graphs, and rules. Represent how a change in one quantity can result in a change in another. Recognize, create, describe, and extend a wide variety of numeric and geometric patterns. **●ZooScope** **●Threatened & Endangered Species Curriculum**	Represent relationships among variables using words, tables, graphs, patterns, generalizations, and equations. Analyze relationships to explain how a change in one quantity results in a change in another. Recognize, create, describe, and analyze patterns and sequences (arithmetic and geometric). **●ZooScope**	Represent functions using and translating words, tables, graphs, and symbols. Recognize and distinguish among linear, quadratic, and exponential functions. Determine and interpret maximums, minimums, and zeros of functions. Model situations and solve problems using linear, quadratic and exponential functions. **●ZooScope**

MATHEMATICS

Mathematical Problem Solving

Common Curriculum Goal	Content Standard	Benchmark 1 Grade 3	Benchmark 2 Grade 5	Benchmark 3 Grade 8	CIM/CAM Grade 10
Understand and formulate problems, selecting pertinent information to solve them. Understand and evaluate multiple approaches to solve problems.	Identify problems and select information to solve them.	Use pictures, models, diagrams, and symbols to show main mathematical concepts in the problem. Select and use relevant information in the problem to solve it. ●**ZooScope** ●**Steller Cove Curriculum** ●**K-2 Curriculum**	Use pictures, models, diagrams, and symbols to show main mathematical concepts in the problem. Select and use relevant information in the problem to solve it. ●**ZooScope** ●**Steller Cove Curriculum** ●**Threatened & Endangered Species Curriculum**	Use pictures, models, diagrams, and symbols to show main mathematical concepts in the problem. Select and use relevant information in the problem to solve it. ●**ZooScope** ●**Threatened & Endangered Species Curriculum**	Use pictures, models, diagrams, and symbols to show main mathematical concepts in the problem. Select and use relevant information in the problem to solve it. ●**ZooScope**

MATHEMATICS

Mathematical Problem Solving

Common Curriculum Goal	Content Standard	Benchmark 1 Grade 3	Benchmark 2 Grade 5	Benchmark 3 Grade 8	CIM/CAM Grade 10
Develop and apply problem-solving strategies accurately to solve problems.	Develop and apply problem-solving strategies accurately to solve problems.	Select and use mathematical strategies. Apply graphic and/or numeric models to solve problems. **●ZooScope** **●Steller Cove Curriculum**	Select and use appropriate mathematical strategies. Apply graphic and/or numeric models to solve the problem. **●ZooScope** **●Steller Cove Curriculum** **●Threatened & Endangered Species Curriculum**	Select and complete appropriate mathematical strategies. Apply graphic, numeric, and/or abstract models to solve the problem. **●ZooScope** **●Threatened & Endangered Species Curriculum**	Select and complete appropriate mathematical strategies. Apply graphic, numeric, and/or abstract models to solve the problem. **●ZooScope**

MATHEMATICS

	Common Curriculum Goal	Content Standard	Benchmark 1 Grade 3	Benchmark 2 Grade 5	Benchmark 3 Grade 8	CIM/CAM Grade 10
Mathematical Problem Solving	Communicate solutions and reasoning in an easily understood manner.	Communicate solution process in an easily understood manner.	Communicate the solution with clear reasoning applicable to the problem. ●ZooScope	Communicate the solution with clear reasoning applicable to the problem. ●ZooScope ●Threatened & Endangered Species Curriculum	Communicate the solution with clear reasoning applicable to the problem. ●ZooScope ●Threatened & Endangered Species Curriculum	Communicate the solution with clear reasoning applicable to the problem. ●ZooScope
	Review and verify solutions to prove their accuracy and reasonableness.	Review solutions to see if they are accurate and reasonable.	Review the work (calculations and strategies) to verify the accuracy and reasonableness of the results. ●ZooScope	Review the work (calculations and strategies) to verify the accuracy and reasonableness of the results. ●ZooScope ●Threatened & Endangered Species Curriculum	Review the work (calculations and strategies) to verify the accuracy and reasonableness of the results. ●ZooScope ●Threatened & Endangered Species Curriculum	Review the work (calculations and strategies) to verify the accuracy and reasonableness of the results. ●ZooScope

Science

SCIENCE

Life Science

Common Curriculum Goal	Content Standard	Benchmark 1 Grade 3	Benchmark 2 Grade 5	Benchmark 3 Grade 8	CIM/CAM Grade 10
Understand the characteristics, structure, and functions of organisms.	Describe the characteristics, structure, and functions of organisms.	Recognize characteristics that are similar and different between organisms. Describe the basic needs of living things. **●Steller Cove Curriculum** **●Amazon Curriculum** **●K-2 Curriculum** **●Insect Zoo Kits** **●Birds of Prey Assembly** **●Birds of Prey Classroom Presentation** **●Live Animal Presentations** **●Field Trip** **●Overnights**	Group or classify organisms based on a variety of characteristics. Describe the function of organ systems. Describe basic plant and animal structures and their functions. **●Threatened & Endangered Species Curriculum** **●Steller Cove Curriculum** **●Amazon Curriculum** **●Insect Zoo Kits** **●Birds of Prey Assembly** **●Birds of Prey Classroom Presentation** **●Live Animal Presentations** **●Field Trip**	Describe and explain the relationship and interaction of organ systems. Describe and explain the structure and functions of an organism in terms of cells, tissues and organs.	Describe, explain and compare the structure and functions of cells in organisms.

SCIENCE

Life Science

Common Curriculum Goal	Content Standard	Benchmark 1 Grade 3	Benchmark 2 Grade 5	Benchmark 3 Grade 8	CIM/CAM Grade 10
Understand the transmission of traits in living things.	Understand the transmission of traits in living things.	Describe how related plants and animals have similar characteristics. ●**Insect Zoo Kits** ●**Steller Cove Curriculum** ●**Amazon Curriculum** ●**K-2 Curriculum** ●**Birds of Prey Assembly** ●**Birds of Prey Classroom Presentation** ●**Live Animal Presentations** ●**Field Trip**	Describe the life cycle of an organism. ●**Insect Zoo Kits** ●**Overnights** ●**Field Trip** ●**Threatened & Endangered Species Curriculum** ●**Steller Cove Curriculum** ●**Amazon Curriculum** ●**Live Animal Presentations** ●**Field Trip**	Describe how the traits of an organism are passed from generation to generation. ●**Field Trip**	Explain laws of heredity and their relationship to the structure and function of DNA.

SCIENCE

Life Science

Common Curriculum Goal	Content Standard	Benchmark 1 Grade 3	Benchmark 2 Grade 5	Benchmark 3 Grade 8	CIM/CAM Grade 10
Understand the relationships among living things and between living things and their environment.	Explain and analyze the interdependence of organisms in their natural environment.	Describe a habitat and the organisms that live there. ●Insect Zoo Kits ●ZooScope ●Steller Cove Curriculum ●Amazon Curriculum ●K-2 Curriculum ●Overnights ●Field Trip ●Birds of Prey Assembly ●Birds of Prey Classroom Presentation ●Live Animal Presentations	Describe the relationship between characteristics of specific habitats and the organisms that live there. ●Insect Zoo Kits ●ZooScope ●Threatened & Endangered Species Curriculum ●Steller Cove Curriculum ●Amazon Curriculum ●Birds of Prey Assembly ●Birds of Prey Classroom Presentation ●Live Animal Presentations ●Overnights	Identify and describe the factors that influence or change the balance of populations in their environment. ●Birds of Prey Assembly ●Birds of Prey Classroom Presentation ●ZooScope ●Threatened & Endangered Species Curriculum ●Steller Cove Curriculum ●Overnights ●Field Trip ●Suitcase for Survival	Describe and analyze the effect of species, including humans, on an ecosystem. ●Birds of Prey Assembly ●Birds of Prey Classroom Presentation ●ZooScope ●Overnights ●Field Trips ●Suitcase for Survival ●ZooTeens

SCIENCE

Life Science

Common Curriculum Goal	Content Standard	Benchmark 1 Grade 3	Benchmark 2 Grade 5	Benchmark 3 Grade 8	CIM/CAM Grade 10
	Describe and analyze diversity of species, natural selection and adaptations	Identify how some animals gather and store food, defend themselves, and find shelter. ●Insect Zoo Kits ●Birds of Prey Assembly ●Birds of Prey Classroom Presentation ●Live Animal Presentations ●Steller Cove Curriculum ●Amazon Curriculum ●Overnights ●Field Trip	Describe how adaptations help a species survive. ●Insect Zoo Kits ●Birds of Prey Assembly ●Birds of Prey Classroom Presentation ●Live Animal Presentations ●Threatened & Endangered Species Curriculum ●Steller Cove Curriculum ●Amazon Curriculum ●Overnights ●Field Trip	Describe and explain the theory of natural selection as a mechanism for evolution. ●Birds of Prey Show ●Birds of Prey Classroom Presentation ●Threatened & Endangered Species Curriculum ●Steller Cove Curriculum ●Overnights ●Suitcase for Survival ●Field Trip	Analyze how living things have changed over geological time using fossils and other scientific evidence. ●Field Trip

SCIENCE

	Common Curriculum Goal	Content Standard	Benchmark 1 Grade 3	Benchmark 2 Grade 5	Benchmark 3 Grade 8	CIM/CAM Grade 10
Earth & Space Science	Understand changes occurring within the lithosphere, hydrosphere and atmosphere of the earth.	Explain and analyze changes occurring within the lithosphere, hydrosphere and atmosphere of the Earth.	Identify daily and seasonal weather changes. **•Steller Cove Curriculum** **•Amazon Curriculum**	Describe patterns of seasonal weather. **•Steller Cove Curriculum** **•Amazon Curriculum**	Explain the water cycle and its relationship to weather and climate patterns.	Analyze the relationship between global energy transfer and climate.
Scientific Inquiry	Formulate and express scientific questions and hypotheses to be investigated.	Make observations. Formulate and express scientific questions or hypotheses to be investigated based on the observations.	Make observations. Based on these observations, ask questions or form hypotheses, which can be explored through simple investigations. **•ZooScope**	Make observations. Ask questions or form hypotheses based on those observations, which can be explored through scientific investigations. **•ZooScope**	Based on observations and scientific concepts, ask questions or form hypotheses that can be explored through scientific investigations. **•ZooScope**	Based on observations and scientific concepts, ask questions or form hypotheses that can be answered or tested through scientific investigations. **•ZooScope** **•ZooTeens**
	Design safe and ethical scientific investigations to address questions or hypotheses.	Design scientific investigations to address and explain questions or hypotheses.	Plan a simple investigation. **•ZooScope**	Design a simple scientific investigation to answer questions or test hypotheses. **•ZooScope**	Design a scientific investigation to answer questions or test hypotheses. **•ZooScope**	Design a scientific investigation that provides sufficient data to answer a question or test a hypotheses. **•ZooScope** **•ZooTeens**

SCIENCE

	Common Curriculum Goal	Content Standard	Benchmark 1 Grade 3	Benchmark 2 Grade 5	Benchmark 3 Grade 8	CIM/CAM Grade 10
Scientific Inquiry	Conduct procedures to collect, organize, and display scientific data.	Collect, organize and display scientific data.	Collect data from an investigation. ●ZooScope	Collect, organize, and summarize data from investigations. ●ZooScope	Collect, organize and display sufficient data to support analysis. ●ZooScope	Collect, organize and display sufficient data to facilitate scientific analysis and interpretation. ●ZooScope ●ZooTeens
	Analyze scientific information to develop and present conclusions.	Analyze scientific information to develop and present conclusions.	Use the data collected from an investigation to explain the results. ●ZooScope	Summarize, analyze and interpret, and summarize data from investigations. ●ZooScope	Summarize and analyze data including possible sources of error. Explain results and offer reasonable and accurate interpretations and implications. ●ZooScope	Summarize and analyze data and evaluating sources of error or bias. Propose explanations that are supported by data and knowledge of scientific terminology. ●ZooScope ●ZooTeens

Social Studies

SOCIAL SCIENCES

Civics and Government

Common Curriculum Goal	Content Standard	Grade 3 Benchmark	Grade 5 Benchmark	Grade 8 Benchmark	CIM/Grade 10 Benchmark
Understand the participatory responsibility of citizens in the community (volunteerism) and in the political process (becoming informed about public issues and candidates, joining political parties/ interest groups/ associations, communication with public officials, voting, influencing lawmaking through such process as petitions/ initiatives).	Understand the participatory obligations of US citizens.	Identify ways that people can participate in their communities and the responsibilities of participation. **●K-2 Curriculum**	Understand how citizens can learn about public issues. **●Suitcase for Survival**	Understand how citizens can make their voices heard in the political process. **●Suitcase for Survival**	Understand the civic responsibilities of US citizens and how they are met. **●ZooTeens**

SOCIAL SCIENCES

Economics

Common Curriculum Goal	Content Standard	Grade 3 Benchmark	Grade 5 Benchmark	Grade 8 Benchmark	CIM/Grade 10 Benchmark
Understand that resources are limited (e.g., scarcity).	Understand the economic concept of scarcity.	Understand that limited resources make economic choices necessary. **●Steller Cove Curriculum**	Understand that all economic choices have costs and benefits, and compare options in terms of costs and benefits. **●Suitcase for Survival** **●Steller Cove Curriculum**	Understand incentives in a market economy that influence individuals and businesses in allocating resources (time, money, labor and natural resources). **●Suitcase for Survival**	Understand how specialization and competition influence the allocation of resources. **●Suitcase for Survival** **●ZooTeens**
Understand economic trade-offs and how choices result in both costs and benefits to individuals and society	Understand how trade-offs and opportunity costs are decisions that can be measured in terms of costs and benefits.		Identify and give examples of the concepts of trade-off and opportunity costs. **●Suitcase for Survival** **●Threatened & Endangered Species Curriculum**	Understand how trade-offs and opportunity costs can be identified and measured. **●Suitcase for Survival**	Understand a cost-benefit analysis of economic choices. **●Suitcase for Survival**

SOCIAL SCIENCES

	Common Curriculum Goal	Content Standard	Grade 3 Benchmark	Grade 5 Benchmark	Grade 8 Benchmark	CIM/Grade 10 Benchmark
Economics	Understand how conditions in an economy influence and are influenced by the decisions of consumers, producers, economic institutions and government.	Understand the concept of supply and demand.		Understand how supply and demand influence price and how price increases or decreases influence the decisions of consumers. ●**Suitcase for Survival**	Understand how price is an incentive for both buyers and producers/sellers in the marketplace. ●**Suitcase for Survival**	Understand how consumer demand and market price directly impact one another. ●**Suitcase for Survival**
	Understand the interdependence of the global economy and the role played by the United States.	Understand how the United States economy relates and interacts with other nations.		Recognize examples of how nations interact economically. ●**Suitcase for Survival**	Identify and give examples of how the United States economy affects citizens of both the United States and other countries. ●**Suitcase for Survival**	Understand the purpose and functions of major international economic organizations and the role of the United States in them. ●**Suitcase for Survival**

SOCIAL SCIENCES

Geography

Common Curriculum Goal	Content Standard	Grade 3 Benchmark	Grade 5 Benchmark	Grade 8 Benchmark	CIM/Grade 10 Benchmark
Understand the spatial concepts of location, distance, direction, scale, movement, and region.	Understand and use spatial concepts of geography.	View and draw simple maps and pictures to locate, describe and show movement among places. **●Steller Cove Curriculum** **●Amazon Curriculum**	Define basic geography vocabulary such as concepts of location, direction, distance, scale, movement and region using appropriate words and diagrams. **●Steller Cove Curriculum** **●Threatened & Endangered Curriculum** **●Amazon Curriculum**	Understand fundamental geography vocabulary such as concepts of distance, latitude, longitude, interdependence, accessibility and connections. **●Threatened & Endangered Curriculum**	Understand and use geographic information using a variety of scales, patterns of distribution and arrangement.
Use maps and other geographic tools and technologies to acquire, process and report information from a special perspective.	Locate places and use geographic information or relationships by reading, interpreting and preparing maps, and other geographic representations.	Understand the purpose of maps, globes and other geographic tools. **●Amazon Curriculum**	Examine and understand how to prepare maps, charts and other visual representations to locate places and interpret geographic information. **●Threatened & Endangered Species Curriculum** **●Amazon Curriculum**	Read, interpret and understand how to construct geographic representations to analyze information, understand spatial relationships and compare places. **●Threatened & Endangered Species Curriculum**	Interpret and evaluate information using complex geographic representations.

SOCIAL SCIENCES

	Common Curriculum Goal	Content Standard	Grade 3 Benchmark	Grade 5 Benchmark	Grade 8 Benchmark	CIM/Grade 10 Benchmark
Geography	Locate major physical and human (cultural) features of the Earth.	Locate major physical and human features of the Earth.	Identify major physical features and Jescribe how they are represented on maps, globes and other tools. **●Steller Cove Curriculum**	Locate and identify on maps, the continents of the world, the 50 states of the United States, and major physical features of Oregon. **●Steller Cove Curriculum** **●Threatened & Endangered Species Curriculum**	Locate and identify on maps and globes the regions of the world and their prominent physical features. **●Threatened & Endangered Species Curriculum**	Locate and identify places, regions, and geographic features that have played prominent roles in historical or contemporary issues and events. **●ZooTeens**
	Compare and analyze physical (e.g., landforms, vegetation, wildlife, climate, and natural hazards) and human (e.g., population, land use, language, and religion) characteristics of places and regions.	Identify and analyze physical and human characteristics of places and regions, the processes that have shaped them, and their geographic significance.	Identify physical characteristics of places and compare them. **●Steller Cove Curriculum** **●Amazon Curriculum**	Identify physical and human characteristics of regions of the United States and the process that have shaped them. **●Steller Cove Curriculum** **●Threatened & Endangered Species Curriculum**	Identify and compare physical and human characteristics of major regions and significant places in the world. **●Threatened & Endangered Species Curriculum** **●Suitcase for Survival**	Analyze changes in the physical and human characteristics of places and regions and the effects of technology, migration and urbanization on them. **●ZooTeens** **●Suitcase for Survival**

SOCIAL SCIENCES

	Common Curriculum Goal	Content Standard	Grade 3 Benchmark	Grade 5 Benchmark	Grade 8 Benchmark	CIM/Grade 10 Benchmark
Geography	Understand economic, cultural and environmental factors that influence changes in population and evaluate the consequences of the resulting increases or decreases in population.	Understand, analyze and evaluate the consequences of population changes resulting from economic, cultural and environmental factors.		Identify and give examples of issues related to population increases and decreases. **●Suitcase for Survival** **●Threatened & Endangered Species Curriculum**	Identify economic, cultural and environmental factors that affect population and predict how the population would change as a result. **●Suitcase for Survival** **●Threatened & Endangered Species Curriculum**	Analyze and evaluate the impact of economic, cultural or environmental factors that result in changes to populations of cities, countries or regions. **●Suitcase for Survival** **●ZooTeens**
	Understand how people and the environment are interrelated.	Understand how humans affect the physical environment.	Understand how people's lives are affected by the physical environment. **●Steller Cove Curriculum** **●Amazon Curriculum**	Understand how physical environments are affected by human activities. **●Suitcase for Survival** **●Threatened & Endangered Species Curriculum** **●Steller Cove** **●Amazon Curriculum**	Understand how human modification of the physical environment in a place affects both that place and other places. **●Suitcase for Survival** **●Threatened & Endangered Species Curriculum**	Understand human modification of the physical environment and analyze their global impacts and other consequences for human activity. **●Suitcase for Survival** **●ZooTeens**

SOCIAL SCIENCES

	Common Curriculum Goal	Content Standard	Grade 3 Benchmark	Grade 5 Benchmark	Grade 8 Benchmark	CIM/Grade 10 Benchmark
Geography		Understand how physical characteristics in the environment and changes in the environment affect human activity.		Understand how human activities are affected by the physical environment. ●**Suitcase for Survival** ●**Threatened & Endangered Species Curriculum**	Understand how changes in a physical environment affect human activity. ●**Suitcase for Survival** ●**Threatened & Endangered Species Curriculum**	Identify and give examples of changes in a physical environment and evaluate their impact on human activity in the environment. ●**Suitcase for Survival** ●**ZooTeens**
	Understand how differing points of view, self-interest and global distribution of natural resources play a role in the conflict over territory			●**Suitcase for Survival**	●**Suitcase for Survival**	●**Suitcase for Survival** ●**ZooTeens**
	Understand the geographic results of resource use and management programs and policies			●**Suitcase for Survival**	●**Suitcase for Survival**	●**Suitcase for Survival**

SOCIAL SCIENCES

Social Science Analysis

Common Curriculum Goal	Content Standard	Grade 3 Benchmark	Grade 5 Benchmark	Grade 8 Benchmark	CIM/Grade 10 Benchmark
Define and clarify an issue so that its dimensions are well understood.	Identify, research and clarify an event, issue, problem or phenomenon of significance to society.	Identify an issue or problem that could be studied. **●Steller Cove Curriculum**	Examine an event, issue or problem through inquiry and research. **●Suitcase for Survival** **●Threatened & Endangered Species Curriculum**	Clarify key aspects of an event, issue or problem through inquiry and research. **●Suitcase for Survival** **●Threatened & Endangered Species Curriculum**	Define, research and explain an event, issue, problem or phenomenon and its significance to society. **●Suitcase for Survival** **●ZooTeens**
Acquire and organize materials from primary and secondary sources.	Gather, use and evaluate researched information to support analysis and conclusions.	Gather information relating to an issue or problem. **●Steller Cove**	Gather, use and document information from multiple sources (e.g. print, electronic, human, primary, secondary) **●Suitcase for Survival** **●Threatened & Endangered Species Curriculum**	Gather, interpret, use and document information from multiple sources, distinguishing facts from opinions and recognize points of view. **●Suitcase for Survival** **●Threatened & Endangered Species Curriculum**	Gather, analyze use and document information from various sources, distinguishing facts, opinions, inferences, biases, stereotypes and persuasive appeals. Understand what it means to be a critical consumer of information. **●Suitcase for Survival** **●ZooTeens**

SOCIAL SCIENCES

Social Science Analysis

Common Curriculum Goal	Content Standard	Grade 3 Benchmark	Grade 5 Benchmark	Grade 8 Benchmark	CIM/Grade 10 Benchmark
Explain various perspectives on an event or issue and the reasoning behind them.	Understand an event, issue, problem or phenomenon from multiple perspectives.	Identify and compare different ways of looking at an event issue or problem. **●Steller Cove**	Identify and study two or more points of view of an event, issue or problem. **●Suitcase for Survival** **●Threatened & Endangered Species Curriculum**	Examine a controversial event, issue or problem from more than one perspective. **●Suitcase for Survival** **●Threatened & Endangered Species Curriculum**	Analyze an event, issue, problem or phenomenon from varied or opposed perspectives or points of view. **●Suitcase for Survival** **●ZooTeens**
Identify and analyze an issue.	Identify and analyze characteristics, causes and consequences of an event, issue, problem or phenomenon.	Identify how people or other living things might be affected by an event, issue or problem. **●Steller Cove**	Identify characteristics of an event, issue or problem suggesting possible causes and results. **●Suitcase for Survival** **●Threatened & Endangered Species Curriculum**	Examine the various characteristics, causes and effects of an event, issue or problem. **●Suitcase for Survival** **●Threatened & Endangered Species Curriculum**	Analyze an event, issue, problem or phenomenon, identifying characteristics, influences, causes and both short- and long-term effects. **●Suitcase for Survival** **●ZooTeens**

SOCIAL SCIENCES

Social Science Analysis

Common Curriculum Goal	Content Standard	Grade 3 Benchmark	Grade 5 Benchmark	Grade 8 Benchmark	CIM/Grade 10 Benchmark
Select a course of action to resolve an issue.	Identify, compare and evaluate outcomes, responses or solutions then reach a supported conclusion.	Identify possible options or responses, then make a choice or express an opinion. ●**Steller Cove**	Identify a response or solution and support why it makes sense using support from research. ●**Suitcase for Survival** ●**Threatened & Endangered Species Curriculum**	Consider two or more outcomes, responses or solutions, identify their strengths and weaknesses then conclude and justify which is best. ●**Suitcase for Survival** ●**Threatened & Endangered Species Curriculum**	Propose, compare and judge multiple responses, alternatives or solutions, then reach a defensible, support conclusion. ●**Suitcase for Survival** ●**ZooTeens**

Career & Life Roles

CAREER & LIFE ROLES

Personal Management

Common Curriculum Goal	Grade 10	Career-Related Standards CAM /Grade 12
Develop competence in personal management that contributes to fulfilling and balancing responsibilities of multiple life roles (i.e.. individual, learner, producer, consumer, family member, citizen).	Take initiative to complete work in a responsible manner. Demonstrate how habits and skills (e.g. punctuality, dependability, cooperation, collaboration, dress and appearance) developed in school are transferable to a variety of settings. Demonstrate knowledge and skills basic to maintaining physical and mental health. Identify and explain an individual's rights and responsibilities related to health and safety in home, school and workplace. **•Internships** **•School to Work** **•ZooTeens**	Exhibit appropriate work ethic and behaviors in school, community and workplace. Plan, organize and complete projects and assigned tasks on time, meeting agreed upon standards of quality. Maintain regular attendance and be on time. Identify tasks that need to be done and initiate action to complete the tasks. Demonstrate accountability for decisions and actions and anticipate consequences. Demonstrate dress, appearance and personal hygiene appropriate for the environment and situation. Explain and follow personal health and safety practices. **•Internship** **•School to Work** **•ZooTeens**

CAREER & LIFE ROLES

Problem Solving

Common Curriculum Goal	Grade 10	Career-Related Standards CAM /Grade 12
Develop and use productive and socially responsible approaches for resolving problems in family, school, community and workplace settings.	Generalize problem-solving strategies to new contexts or situations. Resolve problems using techniques that include personal, social and ethical considerations. Organize and process information and apply decision-making and problem-solving skills in school, real or simulated workplace situations. Use decision making skills to select an endorsement area for CAM focus. **●Internships** **●School to Work** **●ZooTeens**	Apply decision-making and problem-solving techniques in school, community and workplace. Identify problems and locate information that may lead to solutions. Identify alternatives to solve problems. Assess the consequences of the alternatives. Select and explain a proposed solution and course of action. Develop a plan to implement the selected course of action. Assess results and take corrective action. **●Internships** **●School to Work** **●ZooTeens**

CAREER & LIFE ROLES

Communication

Common Curriculum Goal	Grade 10	Career-Related Standards CAM /Grade 12
Select and use appropriate communication strategies in family, school, community and work place setting.	Use technology to process, create and communicate information in multi-media presentations. Use interpersonal communications skills to receive verbal and non-verbal messages, recognize personal and cultural differences. Read technical materials for information and application. Write in a variety of modes (e.g. narrative, expository, imaginative, persuasive) and forms (e.g. essays, letters or business communication, research papers, technical reports) appropriate to audience and purpose. Use various communication strategies within life role contexts for such purposes as informing, describing, questioning and persuading. **•Internships** **•School to Work** **•ZooTeens**	Demonstrate effective communication skills to give and receive information in school, community and workplace. Locate, process and convey information using traditional and technological tools. Listen attentively and summarize key elements of verbal and non-verbal communication. Give and receive feedback in a positive manner. Read technical/instructional materials for information and apply to a specific task. Write instructions, technical reports and business communications clearly and accurately. Speak clearly, accurately and in a manner appropriate for the intended audience when giving oral instructions, technical reports and business communication. **•Internships** **•School to Work** **•ZooTeens**

CAREER & LIFE ROLES

Teamwork

Common Curriculum Goal	Grade 10	Career-Related Standards CAM /Grade 12
Develop and use interpersonal skills that contribute to cooperation and teamwork in working toward common goals in family, school, community and workplace setting.	Demonstrate interpersonal skills required for working cooperatively in teams. ●**Internships** ●**School to Work** ●**ZooTeens**	Demonstrate effective teamwork in school, community and workplace. Identify the key characteristics of teamwork. Explain how work teams are the same or different from other kinds of teams. ●**Internships** ●**School to Work** ●**ZooTeens**
	Analyze teamwork and purpose measures to enhance team effectiveness and achieve common goals. ●**Internships** ●**School to Work** ●**ZooTeens**	Demonstrate skills that improve team effectiveness (e.g. negotiation, compromise, consensus building, conflict management, shared decisions-making and goal setting). ●**Internships** ●**School to Work** ●**ZooTeens**
Understand the issues related to diversity in school, community and workplace settings.	Demonstrate respect and flexibility in team situations. ●**Internships** ●**School to Work** ●**ZooTeens**	Recognize the effects of individual differences on interactions among team members. ●**Internships** ●**School to Work** ●**ZooTeens**

Teamwork		Use individual strengths and interests to accomplish team goals in multiple life role settings. **●School to Work** **●ZooTeens**	Describe the significance of individual contributions to teamwork. **●School to Work** **●ZooTeens**
Organization & Systems	Recognize families, schools, communities and workplaces as systems composed of interdependent parts.	Explain the interdependence of the work of a department or section to other departments or sections within an organization. Demonstrate the ability to work effectively within the school, community or workplace setting. Identify reasons and strategies for making changes in the workplace. **●Internships** **●School to Work** **●Career Day** **●ZooTeens**	Describe how individuals fit into organizations and systems. Identify parts of organizations and systems. Describe how the parts of organizations and systems fit together. Describe how work moves through a system. Describe the changing nature of work, workplaces and work processes on individuals, organizations and systems. **●Internships** **●School to Work** **●Career Day** **●ZooTeens**

CAREER & LIFE ROLES

Employment Foundations

Common Curriculum Goal	Grade 10	Career-Related Standards CAM /Grade 12
Integrate academic knowledge and technical skills to work successfully in family, school, community and workplace settings.	Compare and contrast the academic knowledge and technical skills needed for achieving desired personal and career choices. Analyze laws and organizational rules to understand policies and practices. Research and report on the impact of technology on personal, educational and career/life goals. Demonstrate job seeking skills (e.g. writing resumes, completing applications and participating in interviews). Describe the need for continuous improvement. **•Internships** **•School to Work** **•ZooTeens**	Demonstrate both academic knowledge and technical skills required for successful employment within a career endorsement area. Apply academic knowledge with technical skills. Explain and follow regulatory requirements, security procedures and ethical practices. Select, apply and maintain tools and technologies appropriate for workplace. Demonstrate job-seeking skills (e.g. writing resumes, completing applications, and participating in interviews) Use problem-solving processes to improve a school or community situation. Follow workplace health and safety requirements. **•Internships** **•School to Work** **•ZooTeens**

CAREER & LIFE ROLES

Career Development

Common Curriculum Goal	Grade 10	Career-Related Standards CAM /Grade 12
Develop skills to assess personal characteristics, interests, abilities and strengths.	Select and explain the choice of an endorsement area that reflects personal characteristics, interests and abilities. Describe how personal characteristics, interests, and abilities relate to career and life role choice. Recognize and describe the challenges and conflicts that may arise in the process of simultaneously filing multiple life roles. Evaluate the relationship between potential career goals and other life role responsibilities. Use a variety of resources to research, analyze and explore career options. Utilize various classification systems for occupations, industries, career interests and education and training programs in relation to endorsement areas. Describe the relationship between educational achievement and career planning. Identify local and regional educational, employment and career options. Identify factors that have influenced the changing career and life role patterns of women. Establish tentative personal, educational and career goals that recognize multiple life role responsibilities.	Demonstrate career development skill in planning for post high school experiences. Assess personal characteristics related to educational and career goals. Research and analyze career and educational information. Develop and discuss a current plan designed to achieve personal, educational and career goals. **●Internships** **●School to Work** **●Career Day** **●ZooTeens**

CAREER & LIFE ROLES

Career Development

Common Curriculum Goal	Grade 10	Career-Related Standards CAM /Grade 12
(continued from previous page)	Describe how continuous changes in the world of work necessitate lifelong learning, frequent retraining and updating for both employers and employees. ●**Internships** ●**School to Work** ●**Career Day** ●**ZooTeens**	

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